Quantitation Report (Qedit)

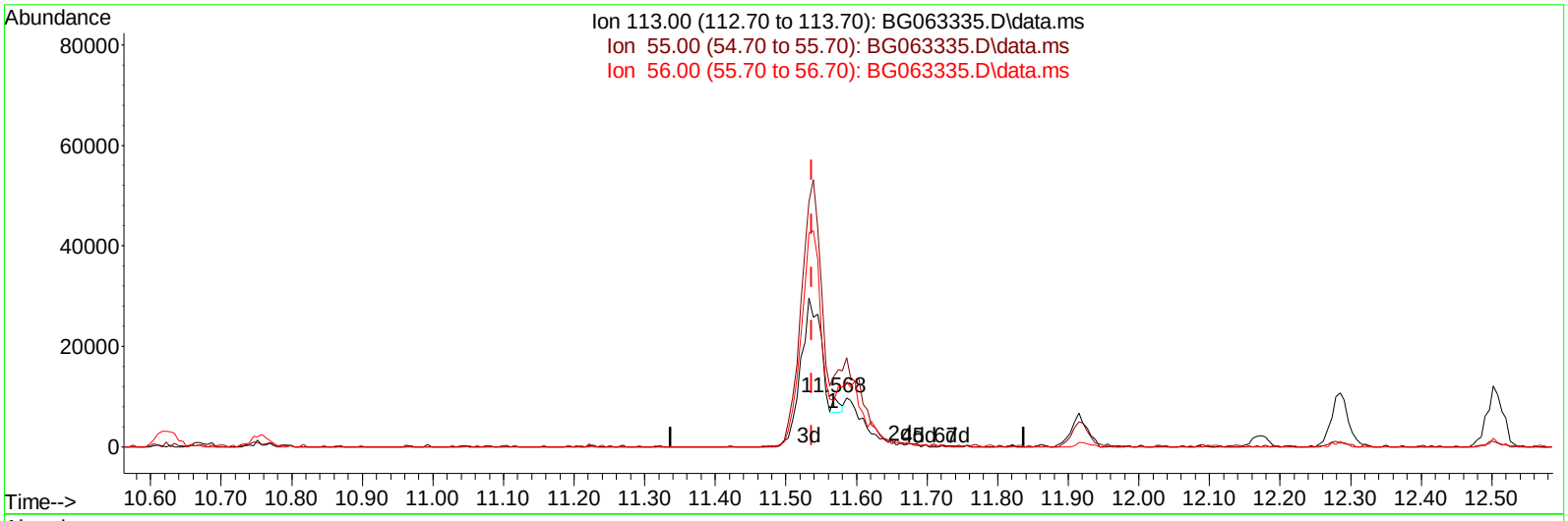
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063335.D
Acq On : 12 Nov 2024 21:13
Operator : RC/JU
Sample : PB164895BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

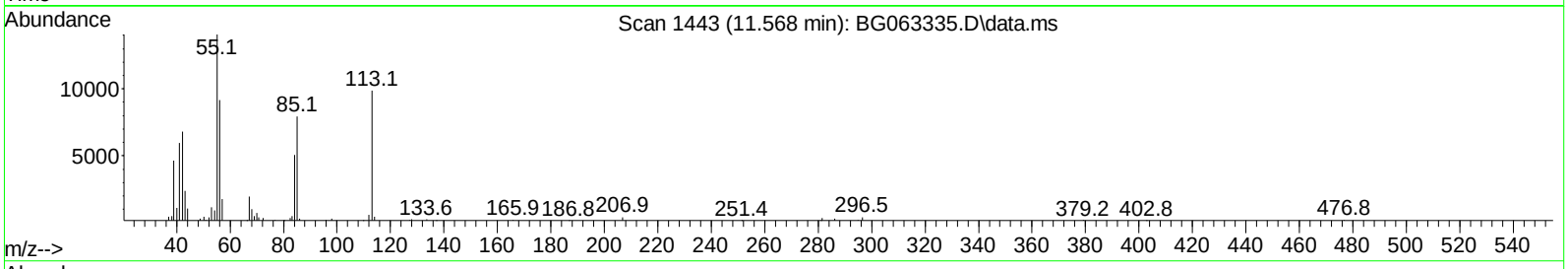
Quant Time: Nov 12 22:29:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

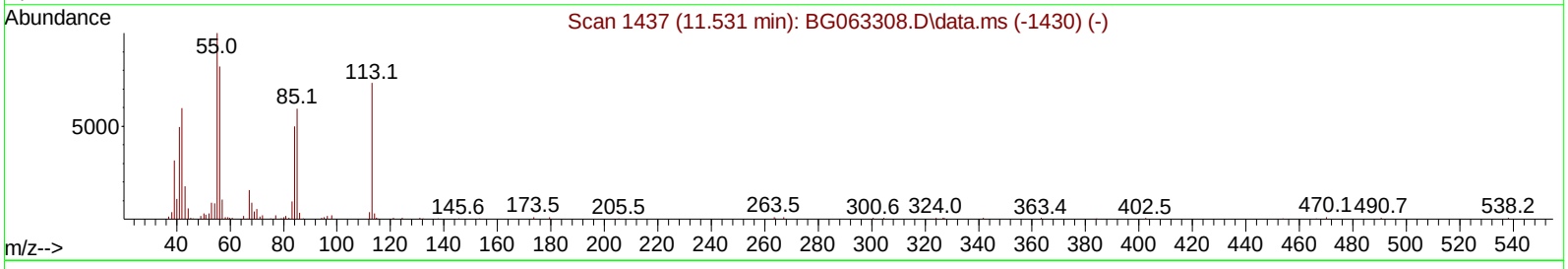
Instrument :
BNA_G
ClientSampleId :
SLCS895

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BG063335.D\data.ms

(34) Caprolactam

11.568min (+ 0.031) 0.64 ng/ul

response 2197

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	142.46
56.00	105.40	92.95
0.00	0.00	0.00

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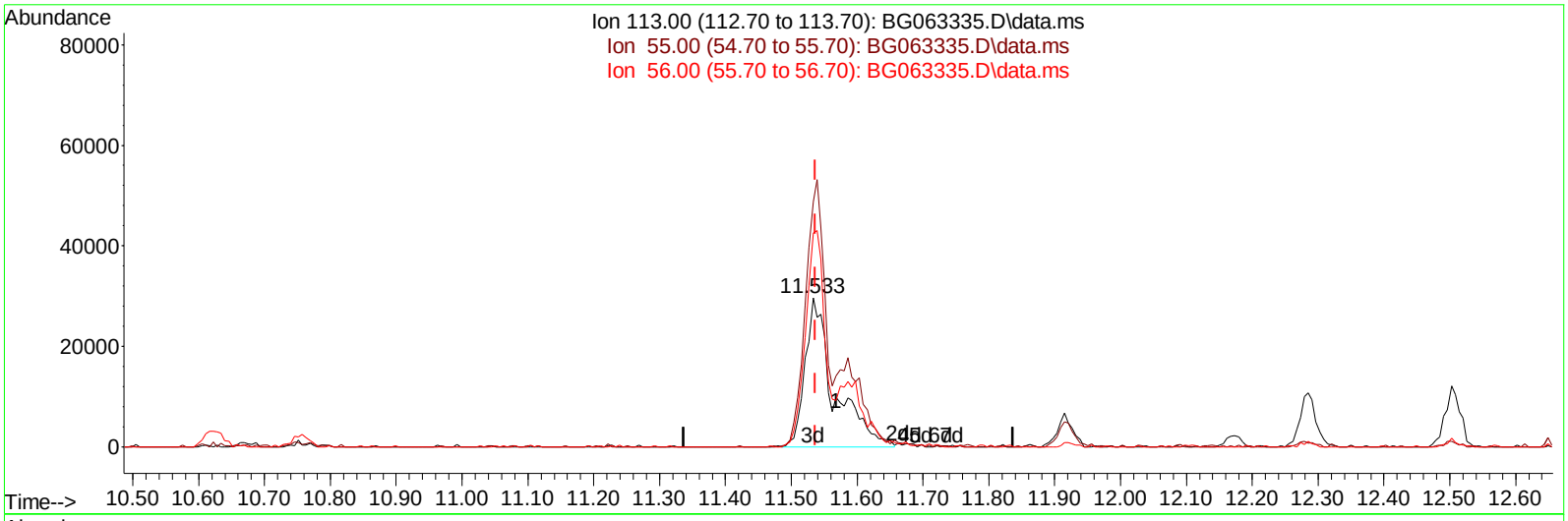

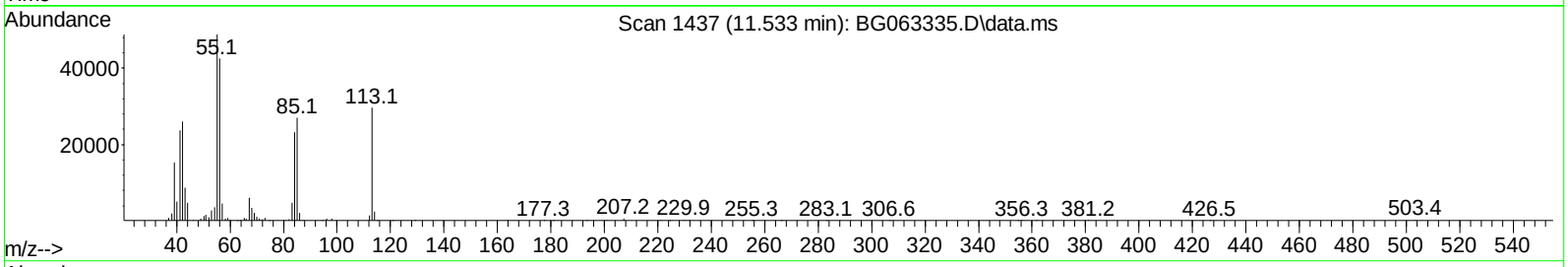

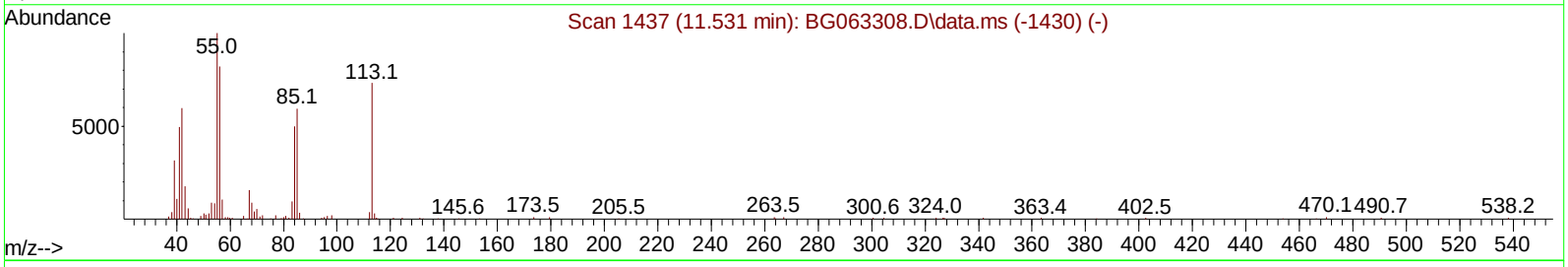

TIC: BG063335.D\data.ms

(34) Caprolactam

11.533min (-0.004) 26.36 ng/ul m

response 90510

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	164.59
56.00	105.40	143.64#
0.00	0.00	0.00

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Quant Time: Nov 12 22:43:12 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.831	152	104945	20.000	ng/ul		0.00
20) Naphthalene-d8	10.622	136	491368	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.471	164	434816	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.220	188	1039316	20.000	ng/ul		0.00
79) Chrysene-d12	21.480	240	1066519	20.000	ng/ul	#	0.00
88) Perylene-d12	24.512	264	1110318	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.296	96	12813	5.521	ng/uL		0.00
4) Pyridine-d5	3.701	84	214675	27.985	ng/ul		0.00
7) Phenol-d5	7.009	99	313393	33.094	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	174967	31.500	ng/ul		0.00
11) 2-Chlorophenol-d4	7.367	132	208728	33.959	ng/ul		0.00
15) 4-Methylphenol-d8	8.542	113	269704	33.602	ng/ul		0.00
21) Nitrobenzene-d5	8.983	128	116844	33.824	ng/ul		0.00
24) 2-Nitrophenol-d4	9.706	143	151676	33.972	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.252	165	305270	34.841	ng/ul		0.00
31) 4-Chloroaniline-d4	10.757	131	313826	27.499	ng/ul		0.00
46) Dimethylphthalate-d6	13.877	166	956449	28.082	ng/ul		0.00
49) Acenaphthylene-d8	14.165	160	1078970	32.366	ng/ul		0.00
54) 4-Nitrophenol-d4	14.682	143	144382	30.961	ng/ul		0.00
60) Fluorene-d10	15.470	176	900699	31.334	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	204180	31.259	ng/ul		0.00
73) Anthracene-d10	17.320	188	1440222	32.243	ng/ul		0.00
81) Pyrene-d10	19.618	212	1815408	33.950	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.306	264	1795393	33.491	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	27138	9.498	ng/uL	#	88
5) Pyridine	3.719	79	206875	26.432	ng/ul		99
6) Benzaldehyde	6.974	77	120423	23.009	ng/ul		98
8) Phenol	7.032	94	328805	31.862	ng/ul		90
10) Bis(2-Chloroethyl)ether	7.256	93	214628	30.581	ng/ul		92
12) 2-Chlorophenol	7.402	128	211276	32.134	ng/ul		96
13) 2-Methylphenol	8.278	108	247743	32.866	ng/ul		90
14) 2,2'-oxybis(1-Chloropr...	8.348	45	301217	33.956	ng/ul		97
16) Acetophenone	8.648	105	399205	30.890	ng/ul		97
17) N-Nitroso-di-n-propyla...	8.636	70	221318	29.359	ng/ul		97
18) 4-Methylphenol	8.607	108	278953	32.544	ng/ul		93
19) Hexachloroethane	8.907	117	89186	33.474	ng/ul		91
22) Nitrobenzene	9.030	77	329339	30.919	ng/ul		96
23) Isophorone	9.553	82	622492	27.690	ng/ul		99
25) 2-Nitrophenol	9.741	139	146585	33.213	ng/ul		93
26) 2,4-Dimethylphenol	9.800	107	255019	26.490	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.035	93	341913	31.549	ng/ul		98
29) 2,4-Dichlorophenol	10.276	162	279340	33.818	ng/ul		91
30) Naphthalene	10.669	128	796572	31.683	ng/ul		99
32) 4-Chloroaniline	10.781	127	241225	22.085	ng/ul		94
33) Hexachlorobutadiene	10.957	225	232378	29.394	ng/ul		99
34) Caprolactam	11.533	113	90510m	26.364	ng/ul		
35) 4-Chloro-3-methylphenol	11.915	107	304884	30.761	ng/ul		93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.285	142	609039	30.563 ng/ul	100
37) 1-Methylnaphthalene	12.508	142	608293	29.355 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.655	216	478985	31.249 ng/ul	100
40) Hexachlorocyclopentadiene	12.638	237	150880	18.027 ng/ul#	83
41) 2,4,6-Trichlorophenol	12.902	196	258432	31.235 ng/ul	96
42) 2,4,5-Trichlorophenol	12.978	196	283295	31.575 ng/ul	93
43) 1,1'-Biphenyl	13.301	154	881863	31.996 ng/ul	98
44) 2-Chloronaphthalene	13.343	162	694653	32.374 ng/ul	98
45) 2-Nitroaniline	13.548	65	231597	31.641 ng/ul	94
47) Dimethylphthalate	13.924	163	890857	27.279 ng/ul	98
48) 2,6-Dinitrotoluene	14.048	165	195858	31.341 ng/ul	98
50) Acenaphthylene	14.195	152	1087486	32.748 ng/ul#	98
51) 3-Nitroaniline	14.377	138	176019	32.269 ng/ul	97
52) Acenaphthene	14.535	153	748916	31.510 ng/ul	98
53) 2,4-Dinitrophenol	14.588	184	106913	25.949 ng/ul	89
55) 4-Nitrophenol	14.700	109	160617	26.501 ng/ul	96
56) Dibenzofuran	14.870	168	1118337	30.738 ng/ul	100
57) 2,4-Dinitrotoluene	14.841	165	284417	28.776 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.105	232	254084	27.345 ng/ul#	99
59) Diethylphthalate	15.293	149	900895	26.907 ng/ul	100
61) Fluorene	15.522	166	930047	30.203 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.517	204	583085	29.464 ng/ul	98
63) 4-Nitroaniline	15.546	138	196274	35.551 ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.611	198	209252	30.869 ng/ul	97
67) N-Nitrosodiphenylamine	15.734	169	789910	34.069 ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	395357	33.275 ng/ul	93
69) Hexachlorobenzene	16.533	284	407570	32.200 ng/ul	99
70) Atrazine	16.680	200	161719	12.750 ng/ul	99
71) Pentachlorophenol	16.880	266	163728	25.802 ng/ul	92
72) Phenanthrene	17.267	178	1545092	32.538 ng/ul	100
74) Anthracene	17.356	178	1548136	31.825 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.266	216	484643	36.060 ng/ul	98
76) Pentachlorobenzene	14.794	250	485600	33.882 ng/ul	97
77) Carbazole	17.626	167	1313181	32.515 ng/ul	99
78) Di-n-butylphthalate	18.190	149	1503313	32.723 ng/ul	99
80) Fluoranthene	19.283	202	1939283	33.552 ng/ul#	98
82) Pyrene	19.647	202	2033479	33.192 ng/ul#	96
83) Butylbenzylphthalate	20.546	149	657314	36.712 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.380	252	736880	32.132 ng/ul	99
85) Benzo(a)anthracene	21.457	228	2206587	32.709 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	941199	36.089 ng/ul#	97
87) Chrysene	21.521	228	2024617	32.190 ng/ul	99
89) Di-n-octyl phthalate	22.514	149	1628074	37.209 ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	2242267	33.565 ng/ul#	99
91) Benzo(k)fluoranthene	23.613	252	2179362	32.753 ng/ul#	99
93) Benzo(a)pyrene	24.371	252	1981587	32.068 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.931	276	2492771	32.887 ng/ul	97
95) Dibenzo(a,h)anthracene	27.984	278	2044620	33.087 ng/ul#	96
96) Benzo(g,h,i)perylene	29.001	276	1899892	33.060 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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